APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO	SERIAL NO.
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		AHN-001DV2	09/658,969
		APPLICANT: Winfried Edelmann et al.	
		FILING DATE: September 11, 2000	GROUP: 1646

#18 AKO 6-6-03

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	A1	WO 9901550	1/99	PCT				

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	A2		Akiyama Y, et al. "Germ-line mutation of the hMSH6/GTBP gene in an atypical hereditary nonpolyposis colorectal cancer kindred". *Cancer Res. 1997 Sep 15*;57(18):3920-3;
	A3		Bawa S, et al. "A mutation in the MSH5 gene results in alkylation tolerance. "*Cancer Res.* 1997 Jul 1;57(13):2715-20;
	A4		Baker SM, et al. "Involvement of mouse Mlh1 in DNA mismatch repair and meiotic crossing over." *Nat Genet. 1996 Jul*;13(3):336-42;
	A5		Baker SM, et al. "Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis." *Cell. 1995 Jul 28*;82(2):309-19;
	A6		de Vries SS, et al. "Mouse MutS-like protein Msh5 is required for proper chromosome synapsis in male and female meiosis". *Genes Dev.* 1999 Mar 1;13(5):523-31;
	A7		Edelmann W, et al. "Meiotic pachytene arrest in MLH1-deficient mice". *Cell.* 1996 Jun 28;85(7):1125-34;
	A8		Hollingsworth NM, et al. "MSH5, a novel MutS homolog, facilitates meiotic reciprocal recombination between homologs in Saccharomyces cerevisiae but not mismatch repair." *Genes Dev. 1995 Jul* 15;9(14):1728-39;
	A9		Kolodner R. "Biochemistry and genetics of eukaryotic mismatch repair". *Genes Dev. 1996 Jun 15*;10(12):1433-42;
	A10		Leach FS, et al. "Mutations of a mutS homolog in hereditary nonpolyposis colorectal cancer". *Cell.* 1993 Dec 17;75(6):1215-25;
	A11		Miyaki M, et al. "Germline mutation of MSH6 as the cause of hereditary nonpolyposis colorectal cancer."*Nat Genet. 1997 Nov*;17(3):271-2;
	A12		Modrich P, et al. "Mismatch repair in replication fidelity, genetic recombination, and cancer biology". *Annu Rev Biochem. 1996*;65:101-33;

Examiner	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO	SERIAL NO.
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		AHN-001DV2	09/658,969
		APPLICANT: Winfried Edelmann et al.	
		FILING DATE: September 11, 2000	GROUP: 1646

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

			Moreadith RW, et al. "Gene targeting in embryonic stem cells: the new physiology and metabolism". *J Mol Med. 1997* Mar;75(3):208-16;
	B2		Mullins, L, J et al. "Transgenesis in the Rat and Larger Mammals" J. Clin. Invest. 1996;98: s37-s40;
	B3		Papadopoulos N, et al. "Mutation of a mutL homolog in hereditary colon cancer." *Science. 1994 Mar 18*;263(5153):1625-9;
	B4		Pochart P, et al. "Conserved properties between functionally distinct MutS homologs in yeast." J Biol Chem. 1997 Nov 28;272(48):30345-9;
	B5		Reitmair AH, et al. "MSH2 deficient mice are viable and susceptible to lymphoid tumours." *Nat Genet. 1995 Sep*;11(1):64-70;
	B6		Ross-Macdonald P, et al. "Mutation of a meiosis-specific MutS homolog decreases crossing over but not mismatch correction." *Cell. 1994 Dec* 16;79(6):1069-80;
	B7		Seamark RF. "Progress and emerging problems in livestock transgenesis: a summary perspective". *Reprod Fertil Dev.* 1994;6(5):653-7;
	B8		Winand NJ, et al. "Cloning and characterization of the human and Caenorhabditis elegans homologs of the Saccharomyces cerevisiae MSH5 gene". *Genomics. 1998 Oct 1*;53(1):69-80;
	B9		de Wind N, et al. "Inactivation of the mouse Msh2 gene results in mismatch repair deficiency, methylation tolerance, hyperrecombination, and predisposition to cancer". *Cell. 1995* Jul 28;82(2):321-30.

Examiner	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.